

Sidorenko, A. V.

State Plan of Geological-Exploratory Work for 1973.
17 pp

RAZVEDKA I GKHRANA NEOR, Moscow, No 5, 1973,
pp 1-10.

JPRC 59698

Konstantinov, M. M.

Search for Gold-Cre Bearing Deposits in
Transcaucasus.

9 pp

RAZVEDKA I OKHRANA NEDR. Moscow, No 5, May 1973,

pp 11-15.

JPRS 59698

Bulyak, V. A.

Geological Study of Sayan-Baykal Gold-Bearing Rocks.
6 pp

RAZVEDKA I OKHRANA NEDE, Moscow, No 2, Feb 74,
pp 6-11.
JPRS 62446

Dobrynin, F. A.

Unified System of State Accounting for Under-
ground Water.

6 pp

RAZVEDKA I OKHRANA NEDR, Moscow, No 3, Mar 74,
pp 47-50.

JPRS 62459

Mirlin, G. A.

Soviet Mineral Needs and Geological Survey Tasks.
7 pp

RAZVEDKA I OKHRANA NEDR. Moscow, No 4, Apr 1974,
pp 1-4.
JPRS 62331

Socialist Obligations for Workers of the USSR
Geology Ministry.

6 pp

RAZVEDKA I OKHRANA NEDR, Moscow, No 6, Jun 74, pp 1-3.
JPRS 62842

Kaganovich, S. Ya.

Rated Prices at Proved Sites of Reserves Determined.

7 pp

RAZVEDKA I OKHRANA NEDR, Moscow, No 6, Jun 74,

pp 32-36.

JPRS 62880

Nikitin, A. A. et al

Evaluation of the Reliability of Isolation of
Point Geophysical Anomalies by the Method of
Inverse Probabilities.

~~1977~~ No. 15, pp.88-93.

A.T.S. RJ-5303

RAZVED. GEOFIZ.

Fikits, A. S.

Application of the Method of Inverse Probabilities to Processing of Geophysical Data,
RAZVED. GEOPIZ. No. 16, pp. 94-8 1966.
A.T.S. RJ-5302

Pavlenkin, A. D.

Relationship Between the Attenuation Constant
and the Lithology of Rock and Propagation Ve-
locity for the Elastic Waves.

1967, No. 22, pp.38-44.

A.T.S. RJ-5304

RAZVED. GEOFIZ.

Nikolaevskiy, E. Yu.

Evaluation the Presence of Oil and Gas in
Clayey Reservoirs.

RAZVED. GEOFIZ. 1968 No. 25, pp.85-94.

A.T.S. RJ-5311

INGERMAN, V. G.

//RAZVEDOCHNAYA GEOPIZIKA//

--/--/1972, V----, N0049,

Determination of the form of multi-variate
relationships between various geological-
geophysical properties of reservoir rock
pp 92-101, NTC 74-11513-08G#

Budenko, G. E.

On the Feasibilities and Ways of Using Non-
Longitudinal Vertical Profiling for the Solu-
tion of Structural Problems.

RAZVED. GEOFIZ., No. 50, pp. 23-33, 1972.

A.T.S. RJ-5924

BOGOTA, G. I.

//RAZVEDUCHAYA GRUPELKA//

--/--/1972, V---, NO 11.

Sonic logging in Terrigenous Sections. Estimate
of the Accuracy of Determination of Arrival Times
of Signals on the Basis of Sonic Logging Data.,
pp 45-51, NTC 74-10094-08109

MEYER, L. P.

//REPRODUCED FROM CIA FILE//

---/1972, V---/10001

Identification of Fractured Cavernous Zone 1 on the
Basis of Sonic Logging Data

yp 98-105, WTC 74-10005-0012

A. Sh. Faytel'son

Local uplifts of the Russian platform and gravity anomalies.

Razvedochnaya Geofizika, No. 53, pp. 91-96, Moscow
1972.

•DMAAC TC-1911

Apr 73

Kaplan, S. A.

Peculiarities of Common Deep Point Composite
Tapes.

8 pp

RAZVEDOCHANAYA GEOFIZIKA, Moscow, No 54, 1972,
pp 52-57.

JPRS 59754

Shmanenko, Yu.S.

Increasing the Accuracy of Determining the
Gravity Terrain Correciton for Near Zones

RAZVEDOCHNAYA GEOFIZIKA. Issue 58, 1973, pp 103-5

DMAAC - 10 May 74

DMRAC-TC-2036

SPIVAK, G.V.
//RAZVITIY FIZIKI V ROSSII//
--/--/1970, V0002, N----,
Gas Electronics, 20 pp
pp 99-117, ARM/FSTC/HT-23-579-73##

Kozlov, V. B. et al.

Development of research in the USSR on the use of
radar images for geological purposes

РАЗВИТИЕ ИССЛЕДОВАНИЙ В СССР ПО ПРИМЕНЕНИЮ РАДИО-
ЛОКАТОРНЫХ ИЗОБРАЖЕНИЙ ДЛЯ ГЕОЛОГИЧЕСКИХ
ЦЕЛЕЙ. Academy of Sciences USSR, Moscow, Preprint,

April, 1974, pp. 9

*NASA TT F-15,549

RUSSIAN

*Computer
Special*

CSC: 8044/2229
10 June 1974

The Development of Information Science in
the USSR, by V.I. Siforov *22 pp*

Razvitiye Nauki Ob Informatsii v SSSR,
March 26, 1974

Special type B

Do not publish

Single spaced draft plus one

Moshkin, Ye. K.

Development of Russian rocket engine technology
RAZVITIYE OTECHESTVENNOGO RAKETNOGO DVIGATELSTROYENIYA,
Moscow, "Mashinostroyeniye" Press, 1973, pp. 256
*NASA TT F- 15,408

The Development of Applied Methods in Problems of
Static Calculation of Thin-Walled Three-Dimensional
Systems (Shells and Folds), by I. Ye. Mileykovskiy,
24 pp.

RAZVITIYE PRIKLADNYKH METODOV V ZADACHAKH STATICHESKOGO
RASCHETA TONKOSTENNYKH PROSTRANSTVENNYKH SISTEM,

(Sixth All-Union Conference on Shell and Plate Theory
1966.)

NAV/NISC-Tr-3495-73

April 73

Gerasimov, V. P.

Development of rocket construction and astronautics in
the USSR

RAZVITIYE RAKETOSTROENIYA I KOSMONAVTIKI V SSSR
Novosti News Agency Press, 1973, pp. 1-95, Moscow,
*NASA IT F, 15,378

DEVELOPMENT AND IMPROVEMENT OF GRANULATED EXPLOSIVES IN THE USSR AND FOREIGN CO

POZONYAKOV, Z. LANGUAGE-RU COUNTRY-UR

RAZVITIYE I SOVERSHENSTVOVANIYE GRANULIROVANNYKH VV V SSSR I ZA RUBEZHOM

"NEDRA", M., 1971,

↓
FSTC-HT-23-0598-74

Development of Polymer Concrete Technology in USSP,
by N. A. Moshchanskiy, 6 pp.
RAZVITIYE TEKHNOLGY POLIMERBETONOV V SSSR
CIA-X-7777

June 73

H. Graber

Experimental investigations of the heat transfer to
liquid metals running in parallel flow through pipe
bundles

REACTORTAGUNG, BONN ATOMFORUM, PP. 154-157
(30 Mar 1971)

C. E. Trans. 6195

SECRET
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]
---/---/1971, [REDACTED]
The biological effects of natural and man-made artificial
magnetic fields,
CNO:0344/0101, COMINTO SPECIAL 19 7700

Podest, R.

Problems involved in developing an integrated flight control system with emphasis on curved flight path profiles

REALIZING PROBLEMS I KINES INTEGRATED FLIGHT-
LOOPS SYSTEMS UNDER DISCUSSION
GAKRUMTER, 1973, PP. 32
CHABA TT P 15611

RE: TR CHECK

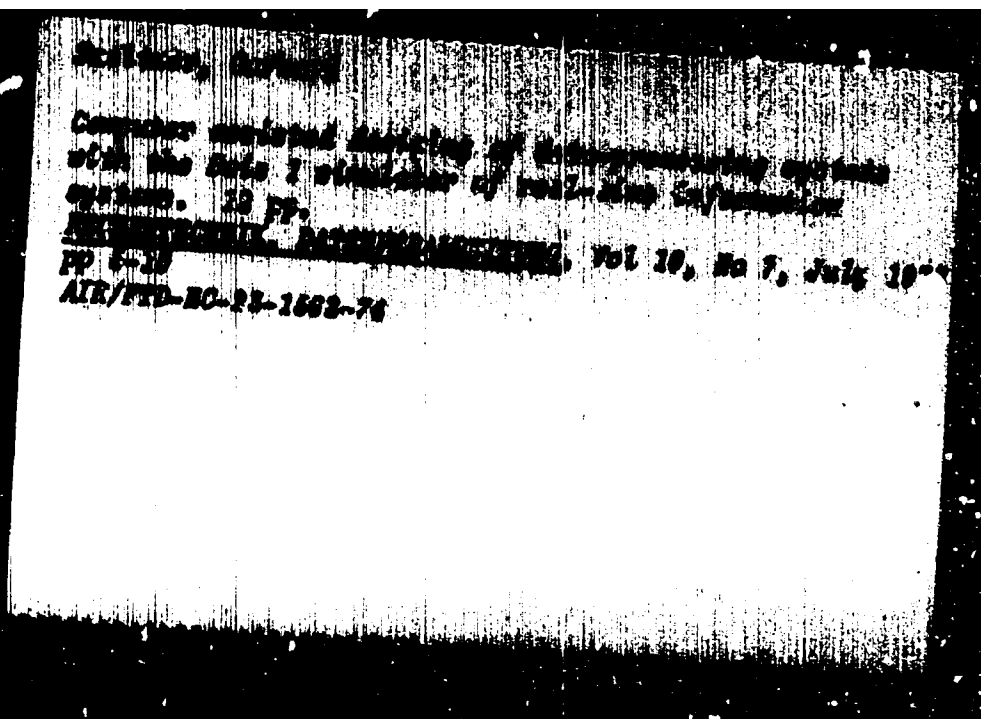
22-01-74

TTSY

INFORMATION FROM THE TRIPZIG SPRING
EXHIBITION 1973

GEMMORN

G.I. ALPHEI-TECHNIK, LADEN VERARBEITUNG,
VOL. 10, NO. 1, 1974, P. 117*See P. 1000*
FTC 11-2-1974



05/08/1974
Computer from the Department Block, 3 PP
PP 15-18, AIR/PTD/11-12-14-15-74
DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES
ONLY: COPYRIGHT INFORMATION: OTHER REQUEST
FOR THIS DOCUMENT MUST BE REFERRED TO PTD.

Representatives Give Party Positions on
Scientific Research, 16 pp.
GOVERNMENT USE ONLY
FRENCH, per, La Recherche, Paris, Feb 73,
pp 105-113.
JPRS/L 4472

Apr 73

Operating a Fast Neutron Breeder Reactor,
by Guy Denielou, 23 pp.

GOVERNMENT USE ONLY

FRENCH, per, La Recherche, Paris, Feb 73,

pp 143-153.

JPRS/L 4471

Apr 73

MOLECULAR LASERS

BRUNET, HENRI

LANGUAGE-FR

COUNTRY-FR

cond. 2002 2/6/6

LA RECHERCHE, NO 32, MARCH 1973, VOL. 4, PP. 243-252
T7

FSTC-HT-23-0070-74

MSES Weapon System Described, 9 pp.
GOVERNMENT USE ONLY
FRENCH, per, La Recherche, Paris, May 73,
pp 424-427.
JPRS/L 4563

Jul 73

Nuclear Submarine Development, Characteristics
Described, by Jean Le Bourhis, 18 pp.
GOVERNMENT USE ONLY
FRENCH, per, La Recherche, Paris, May 73,
pp 428-435.
JPRS/L 4563

JUN 73

REQ TR CHECK

21-5-74

TR34

ACCELERATION OF ALUMINA PARTICLES IN THE
FLOW OF A METALLIZED PROPELLANT ROCKET
NOZZLE

KUEHNEMANN, P

DE: LA RECHERCHE AEROSPATIALE, 2700,
BOULEVARD, 91120, EVRY-COURCOURONNES, FRANCE

G. KRETZSCHMAR

Calculation by an Integral Method of an Laminar
Boundary Layers Under the Effect of an Entropy
Gradient.

RECHERCHE AEROSPATIALE, No 133, pp 15-22, 1969.
NTC 73-10190-20D

Mar 73

R. K. ZEYTOUNIAN

Some Aspects of the Flow of an Unsteady Compressible
Laminary Boundary Layer Around a Flat Plate.

RECHERCHE AEROSPATIALE, No 1, pp 16-21, 1970.

NTC 73-10290-20E

Mar 73

H. VIVIANI

Closed Streamline, Low Mach Number Flow of a
Compressible Fluid.
RECHERCHE AEROSPATIALE, No 1, pp 49-51, 1970.
NTC 73-10292-200

Mar 73

V. CANAREK

Lunar Springboard Effect.

RECHERCHE AEROSPATIALE, No 2, pp 64-68, 1970.

NTC 73-10197-22C

Mar 73

Werle, H.

Ground Effect Visualization at Low Speed Around Aircraft Models.

LA RECHERCHE AEROSPATIALE, No. 2, March-April 1970,

pp 79-93 (Also ONERA Report T. P. No. 834 (1970))

*NASA TT F 14,958

1

Desamp, J.

Improvements in the microprobe analysis of diffusion
layers. Application to an Inconel 718 chromaluminum
rod sample.

RECHERCHE AEROSPATIALE, n. 2, 1970, pp. 103-112

NTC 73-12987-11F

NTIS N71-19027

H. WERLE

Ground Effect Visualization at Low Speeds Around
Aircraft Models.

RECHERCHE AEROSPATIALE, No 3, pp 79-93, 1970.
NTC 73-10293-200

Mar 73

J. J.

Quasi-Two-Dimensional Flow Through a Supersonic Cascade.

RECHERCHE AEROSPATIALE, No 3, pp 137-143, 1970.
NTC 73-10291-20D

Mar 73

Mdal, G.

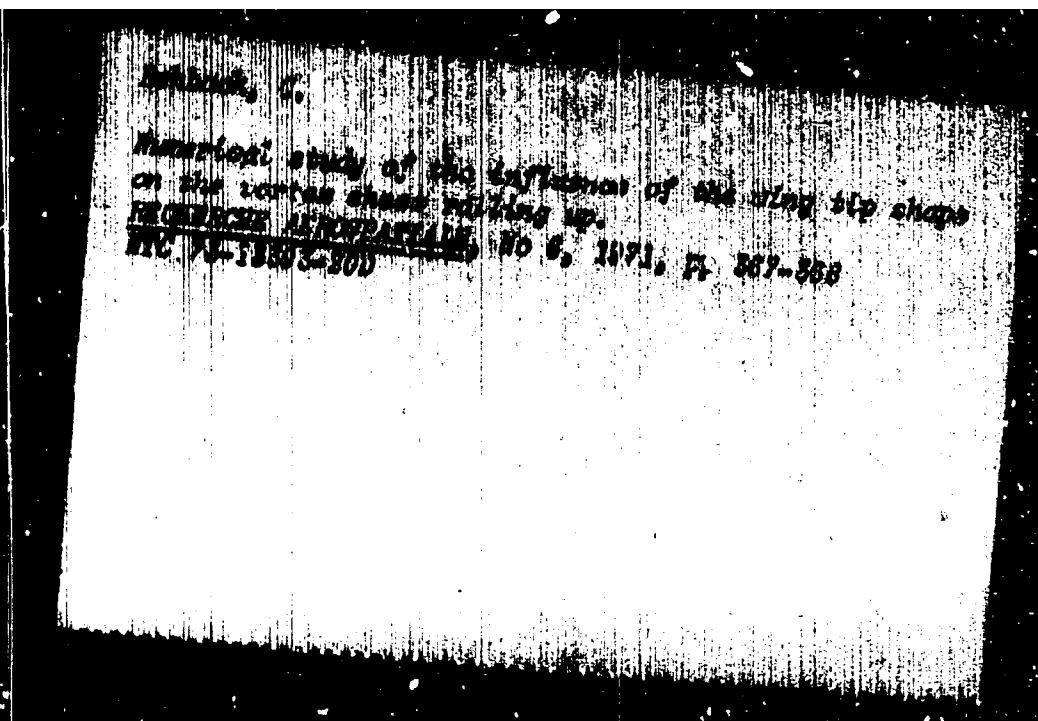
*Effect of chromaluminisation on the fatigue strength
at 700 C of an incoel 713 alloy*

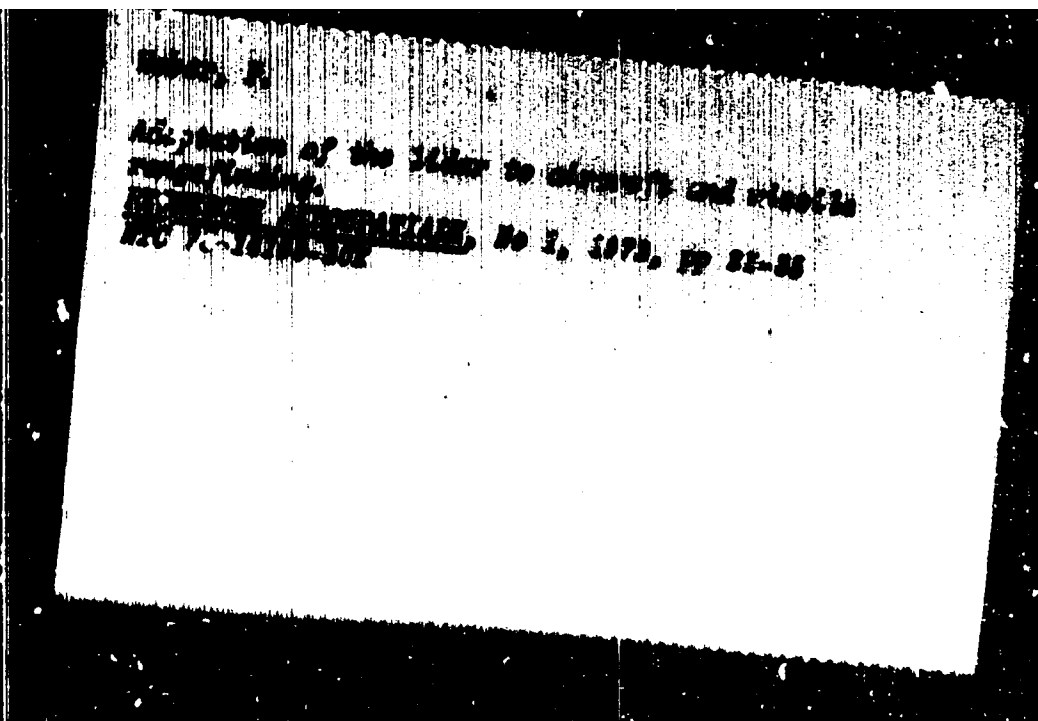
RECHERCHE AEROSPATIALE, n. 2, 1970, pp. 177-179

NTC 77-12080-11F

NTIS N7L-19014

Simulation of an increased resonance noise produced by
roughness on an aircraft model in the sonic range
RECHERCHE AEROSPATIALE, N. G. 1971, pp 535-546 and
FRANCE, OFFICE NATIONAL D'ETUDE ET DE RECHERCHES
(AERONAUTIQUES) AEROSPATIALES, PUBLICATION (TECHNIQUES),
ONERA-TP-197C, 1971
NTC 73-11890-01A
NTIS N72-26000

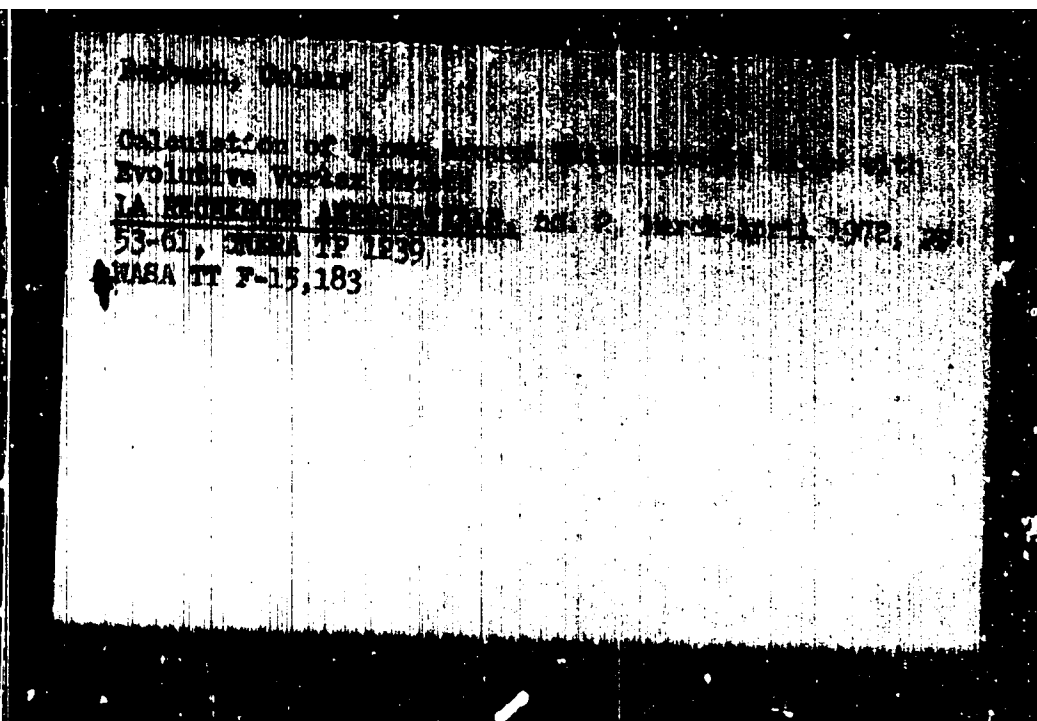


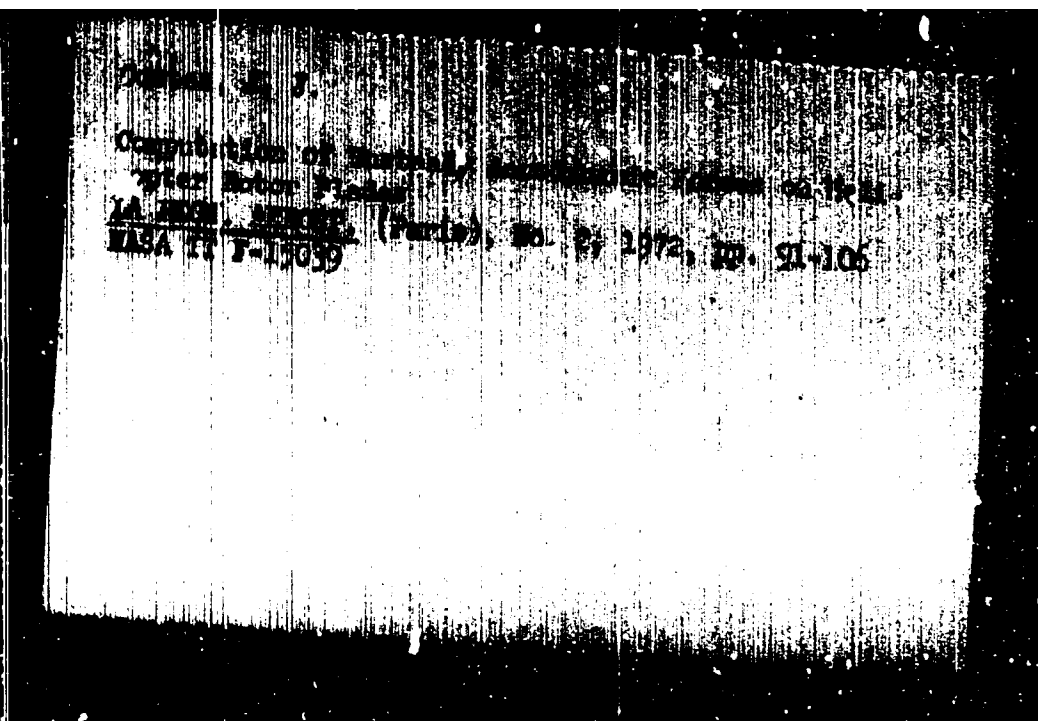


BRILL, C.
//BROOKLYN AIRPORT 10/24/77
--/--/1972, *---, 1000.
Noise Measurements in the Noise Large Wind-Tunnel,
PP 47-51, NYC 74-10122-1-1000

Alain Laforet

Diffusion-brazing of titanium alloys 3 pp
LA RECHERCH AEROSPATIALE, v. 146, nr. 1, Jan.-Feb., 1972
pp. 57-58





Malibert, Michel

Optical Methods for Measuring the Velocity of Particles
within a Fluid Flow

31 pp

LA RECHERCHE AEROSPATIALE, nr. 3, June 1972, pp.
171-191

ATR/FTT-RC-23-44-74

Legendre, Robert

The Kutta-Joukowski conditions in three-dimensional
flow. 24 pp.

LA RECH. AEROSPATIALE. no. 5, 1972, pp. 241-247

NASA TT F 14918

UNKNOWN

//ENCHERON: AEROSPATIALE, LA//

--/1973, 70000, 00001,

UNKNOWN

pp 1-53 Russian pages

pp 1-53 English pages

January-February 1973, EURO TT-31,

FULL TRANSLATION EUROPEAN SPACE RESEARCH ORGANIZATION

AVAILABLE FROM NATIONAL TECHNICAL INFORMATION SERVICE

AGENCY COPIES AVAILABLE IN LIBRARY SERIALS#

KUENTZMANN. P.

//RECHERCHE AEROSPATIALE//

--/--/19/3, V----, N0002

Experimental study of the condensed phase in t
the combustion products of metallized solid
propellants 28 pp

pp 71-80 AIR/FTD/Hc-23-2714-74##

DETERMINATION OF THE NATURAL MODES OF A STRUC
TURE BY VIBRATION TEST WITH NON-APP
LAT R

LANGUAGE-FR COUNTRY-FR

'A RECHERCHE AEROSPATIALE #2 1973, PP 99-108

FSTC-HT-23-0767-74

REF TR CHECK

17-01-74

TP15

MATRIX ANALYSIS OF MULTILAYERED AND SANDWICH
SHELLS BY THE FINITE ELEMENT METHOD
ENGRAM, DANIEL; BORDAS, JOSEPH
FR: O.N.E.R.A.; LA RECHERCHE AEROSPATIALE,
NO. 1, MAR-APR 1973, pp. 109-118

See Ref. 12
FTD-MC 23-1610-74

REQ TR CHECK

4-02-74

TH07

DUAL MODE RAMJET THEORETICAL AND EXPERIMENTAL
PERFORMANCE FOR MACH 3.5/7 DOMAIN OF
FLIGHT VELOCITIES

CONTENSOU, P.; MARGUET, R
FR: A RECHERCHE AEROSPATIALE. BULLETIN
SEMESTRIEL DE L'OFFICE NATIONAL
D'ETUDES ET DE RECHERCHES AEROSPATIALES,
NO. 5, SEP-OCT 1973, pp. 259-274

In Process
FTD-HC-23-1699-74

REQ TR CHECK

19-02-74

TIO

TIME-DEPENDENT METHODS FOR COMPUTING WALL
EFFECTS IN TWO-DIMENSIONAL SUPERCRITICAL
FLOW

LAVAL, PIERRE

FR: LA RECHERCHE AEROSPATIALE, NO. 5
SEP-OCT 1973, pp. 275-288

*On Process**FTD HC-23-1798-74*

Memorandum

Financial Investigation of the Economic Situation
from a

LA RECHERCHE ARCHIVÉE, NOV-1997, 1973, 20.

225-330

ALAS TT F 15,590

TRAN, C. E.

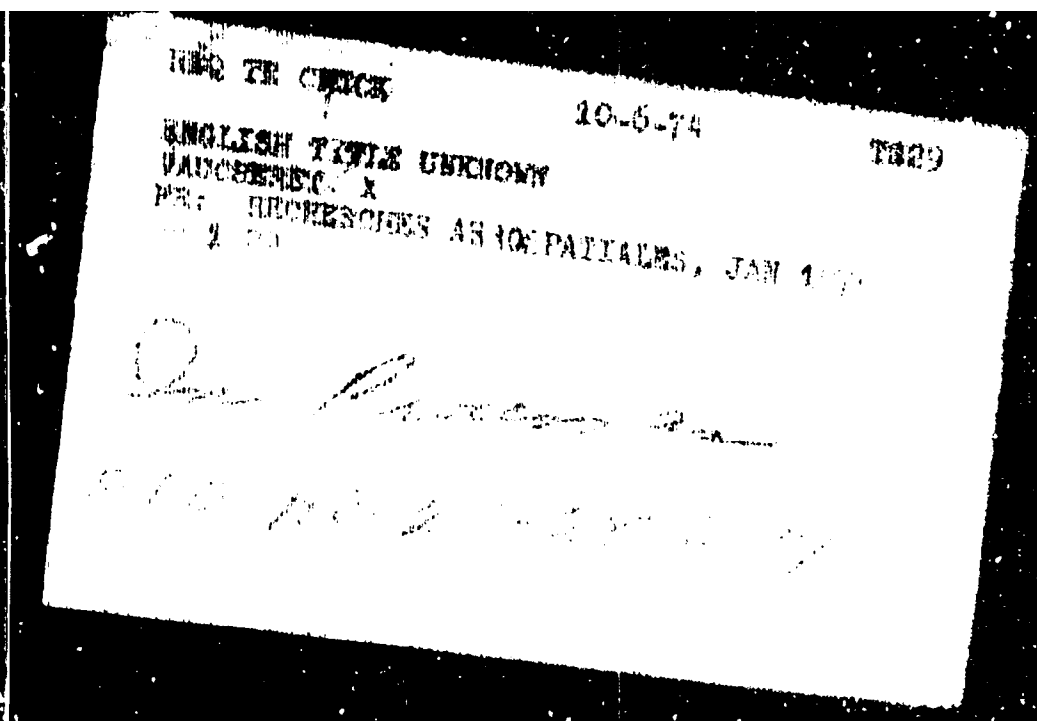
//EPOCH. AEROSP//

--/1971, V-111, H0008

On the use of branch modes for the calculation
of helicopter structural dynamic characteristics

45 pp

pp 337-384 NASA TT F 15713 HQV-72C 197343



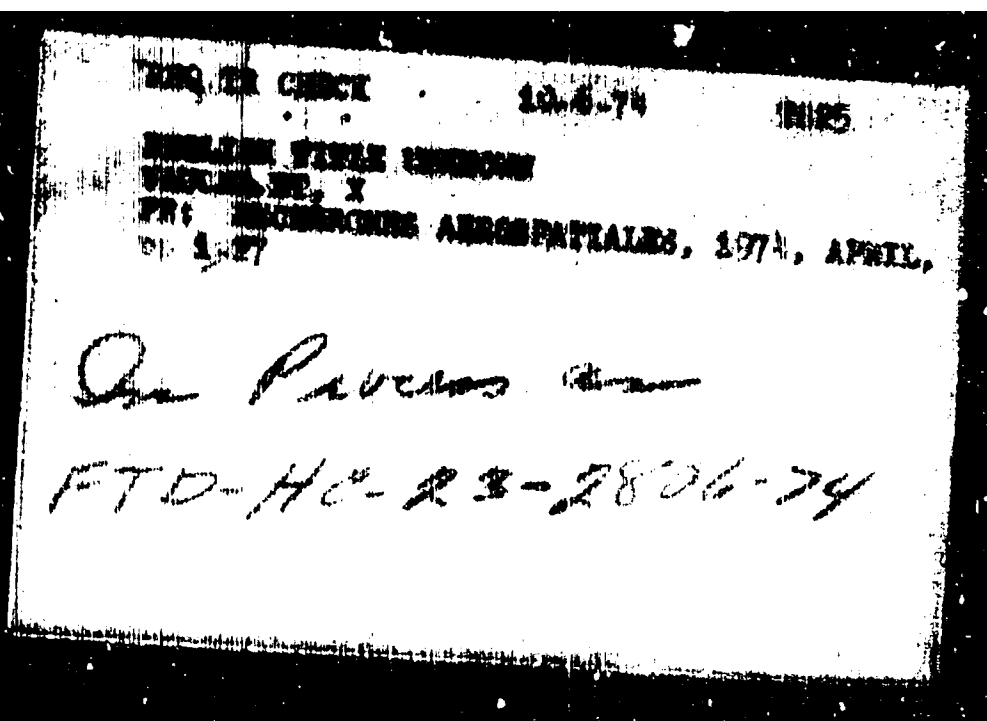
SOURCES OF POWER: SOLAR GENERATORS

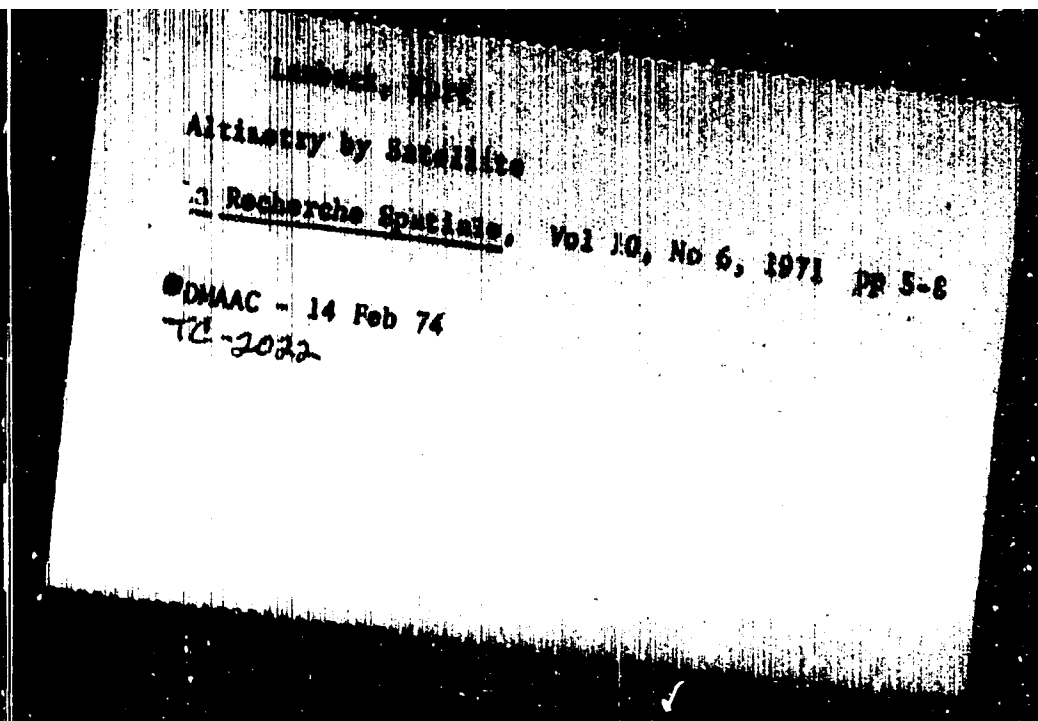
PALZ W

LANGUAGE-FR COUNTRY-FR

LA RECHERCHE SPATIALE VOL XIII #2 MAR-APR 197
4 PP13-16

FSTC-HT-23-0267-75





SECRET
//U.S. AIR FORCE//
--/1971, FORM 1, 1000
Preprocessing of French laser observations from the
Image program
FD 14-19 MAAC-TC-1029#

Collard, C. A.

Space Law and Applications Satellite

LA RECHERCHE SPATIALE, vol. 12, Jan-Apr. 1973, pp. 1-5, w/

SHARA TT F-15, 160

Kiss, Alexandre

The utilization of extra-atmospheric space. 13 pp
RECH. SPATIALE, Vol 12, No 2, Mar-Apr 1973, pp 5-9
NASA TT F 15118

7-telecommunication activities. (S) (C) (U)
LA WEEKLY NEWS SERVICE, vol. 12, no. 2, 1 Apr. 1978.

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Copyright Information; Other request for this document
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25-09-73 T597
REQ TR CHECK
APPLICATIONS SATELLITES: LEGAL ASPECTS
TCHERNONOG, A.
FR: LA RECHERCHE SPATIALE, VOL 12, NO. 3,
MAY-JUNE 1973, pp. 1-5

Process in an
HC74-23-0597

Tchernov, J. A.

Applications satellites: legal aspects. (part 2) the
remote sensing of earth resources by satellites.
LA RECHERCHE SPATIALE, Vol 12, No 3, 1973, pp 1-5
NASA TT F-15,055

Caillamer, A.

Methods and processing of airborne experiments aerial
activities services (SAA) of the National Geographic
Institute. 6 pp.

LA RECHERCHE SPATIALE, Vol. 12, No. 1, July-Aug, 1973,
pp 5-7

AIR/FTD-HC-23-599-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY.
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE REFERRED
TO FTD.

Conchelo, A.

Equipment for experimental work on earth resources, 11-12
LA RESEARCH STATION, Vol 12, No 1, July-August 1971
PP 7-12
AIR/PTD-EC-27-600-74

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F.D. THE CONTENTS OF THIS DOCUMENT ARE SUSPECTED TO
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RUSSIAN:

"Rechnoy Transport", Nov 1970, pps. 5-7, 8-9, 15,
27-28; 41-43, 44-46, 48, 50-53.

DIA LN 152-72 (49 pps.)

UNKNOWN

//RECHNOY TRANSPORT//

--/10/1974,V----,NO010, pp 0001-0003

Survey of Technical Progress in River Transportation.

8 pp

JPRS 63631

†

RUSSIAN:

Rechnoi Transport ("River Transport")

No 1, 1971 (pp 35-36, 38-40)---DIA LN 284-74

No 2, 1972 (pp 49-50) ---DIA LN 283-74

(Feb 74)

RUSSIAN

RECHNOY TRANSPORT, dated Nov. 72

Published in the USSR

pps: 3-8, 11, 13-14, 25-26, 42-43, 48.

DIA LN 647-73

(Jul 73)

RUSSIAN

Publication: RECHNOY TRANSPORT, dated Dec 72

Published in the USSR

pps: 3,4-5, 6-7, 8-11, 18-19, 23, 24-25, 35, 45-46,
47-48, and 50-51.

DIA LN 649-73

(Aug 73)

RUSSIAN:

Rechnoi Transport. 1972--~~Jan~~: pp 1-7, 9-13, 24-25, 27-29,
33-35, 40-43, 44-46, 50
Aug 1972: pp 1-2, 4-5, 8-9, 12-14, 29-30,
32, 43, 44-45, 50-51
Apr 72: 1-2, 5-9, 11-12, 40-43, 51-53,
May 72: 11-12, 14-15, 42-43, 55
Jan 72: 7-9, 11-13, 16-17, 29, 37-38,
39, 41-42.

DIA LN 482-73

(Aug 73)

RUSSIAN

RECHNOY TRANSPORT, issue dated January 1973

Articles on pps: 1-4, 10, 23-25 & 35

Published in the USSR

DIA LN 635-73

(Jul 73)

RUSSIAN

Publication: RECHNOY TRANSPORT, dated Feb 73

Published in the USSR

pps: 1-4, 7-8, 12-13, 24-25, 38-41, 43 and 51-53.

DIA LN 648-73

(Aug 73)

RUSSIAN:

Rechnov Transport ("River Transport"). 3/73: pp 2-4,
9-11, 24-26, 28-30, 37-38, 45-47, 53-54,
55.

DIA LN 523-73

(July 73)

River Fleet Workers Assume Higher Obligations,
10 pp.
RUSSIAN, per, Rechnoy Transport: Moscow, No 4,
Apr 1973, pp 1-4.
JPRS 59230

June 73

RUSSIAN

Publication: RECHNOY TRANSPORT, dated Apr 73

Published in the USSR

pps; 1-7, 11-13, 3032, 40, 46-48, 50, 52-53,

LN 650-73 (DNA)

(Aug 73)

Mikhaylov, V.

Specialized Association Formed to Increase Container Shipments.

7 pp

RECHNOY TRANSPORT, Moscow, No 5, 1973, pp 3-5

JPRS 59357

Spiridonov, V. S.

A New Tanker for the Lena Basin.

8 pp

TECHNOY TRANSPORT. Moscow, No 5, May 1973.

pp 50-53

JPRS 59430

Sadovskiy, G.

Waterway, Navigation Improvements Considered.
7 pp

RECHNOY TRANSPORT, Moscow, No 7, July 1973,
pp 1-3.
JPRS 59960

Ryzhov, L.

Automatic Control System for the Fleet and Ports
Discussed.

8 pp

TECHNOY TRANSPORT, Moscow, No 8, Aug 1973, pp 3-5.
JPRS 60297

Pereborzev, V.

Builder's Trials of the Motorship METEOR With-
out Full load.

RECHNOY TRANSPORT, No.9, 1973.

NISC 8511